

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	97	("5596198" "4776340" "5266811" "5281805" "5640380" "4315147" "5250796" "5475210" "5652655" "5761229" "5771254" "4387973" "4433913" "4596466" "4800269" "5206708" "5293393" "5305294" "5346789" "5394385" "5448161" "5470690" "5530577" "5809050" "5835514" "5953477" "6094265" "6144791" "6174424" "6199985" "6222970" "6222970" "4357104" "4370058" "4464572" "4468093" "4551629" "4596051" "4595839" "4597349" "4763969" "4826316" "4876569" "4929822" "4947036" "5216248" "5229806" "5247493" "5293372" "5499098").pn. ("5555339" "5568458" "5581094" "5598394" "5612780" "5631885" "5719948" "5740148" "5867586" "5910837" "5956139" "6043482" "6115555" "6172745" "6175409" "6211996" "6219475" "6211996" "6219475" "6243509" "4256403" "4271536" "4277846" "4282408" "4300133" "4333178" "4365864" "4380240" "4451785" "4463253" "4505572" "4510938" "4511248" "4516252" "4516022" "4518259" "4521681" "4532634" "4553848" "4577189" "4591241" "4596460" "4604637" "4609816" "4611124" "4628197" "4629903" "4762418" "4764015" "4783852").pn.)	USPAT	OR	OFF	2004/12/08 14:40
S3	19	("5953477").URPN.	USPAT	OR	OFF	2004/12/08 14:49

S4	35	("3796905" "3874783" "3906241" "3910677" "4191446" "4380365" "4449535" "4573761" "4615581" "4654532" "4707134" "4812003" "4816670" "4914284" "4919891" "4979797" "4995691" "5011254" "5011279" "5037180" "5074632" "5112127" "5146917" "5166756" "5196005" "5253312" "5263952" "5269777" "5330465" "5402508" "5404218" "5421928" "5432880" "5710626" "5764840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:12
S5	9	((("6253004") or ("4834484") or ("4961622") or ("5052772") or ("5896475") or ("3419321") or ("3848970") or ("3980391") or ("4128302")).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/08 15:19
S6	2	S5 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26

S7	92	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26
----	----	--	---	----	-----	------------------

S8	46	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	USPAT	OR	OFF	2004/12/08 15:25
S9	30	S7 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S10	2	("6496621").URPN.	USPAT	OR	OFF	2004/12/08 15:36
S11	6	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:37
S12	964	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:18
S13	27	S12 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:45
S14	0	("2004/0047535").URPN.	USPAT	OR	OFF	2004/12/08 15:58

S15	83	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S16	66	S15 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:27
S17	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/08 16:47

S18	0	S17 and (((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S19	225	((fiber\$1 or fibre\$1 or wave\$guide\$1) and (back with reflect\$5)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S20	51	S19 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S21	964	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S22	27	S21 and "385"/.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S23	83	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S24	66	S23 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16

S25	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 08:16
S26	870	S21 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:20
S27	110	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1) or wave\$guide\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:19

S28	110	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S29	27	S28 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S30	129	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:45
S31	46	S30 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S32	16728	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S33	16585	S32 not (S25 or S24 or S22 or S30 or S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S34	2366	S33 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S35	384	S33 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49

S36	8882	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S37	1691	S36 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S38	292	S36 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S39	98	S38 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 10:26
S40	8	("5546486").URPN.	USPAT	OR	OFF	2004/12/09 09:08
S41	6	("3883353" "4581528" "4747660" "4812005" "5073002" "5208876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:09
S42	0	("2004/0126059").URPN.	USPAT	OR	OFF	2004/12/09 09:39
S43	153	S38 not S39	USPAT	OR	OFF	2004/12/09 09:39
S44	6	("4830454").URPN.	USPAT	OR	OFF	2004/12/09 09:45
S45	5	("3628027" "4256365" "4380365" "4721353" "4753521").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:46

S46	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 10:24
-----	----	--	---	----	-----	------------------

S47	38	S46 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
-----	----	---	---	----	-----	------------------

S48	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 13:36
-----	----	--	---	----	-----	------------------

S49	26	S48 and (annular or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
S50	13	S48 and ((annular or ring) with light\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36